

App. No. 09/892,676
Amendment Dated: February 8, 2005
Reply to Office Action of January 14, 2005

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Amendments to the Claims:

Claim 1 (Currently amended): A computer-implemented method for resolving a conflict detected while synchronizing a first data object file in a first store associated with a mobile device and a second data object file in a second store associated with a server, comprising:

- a) designating at least one property of the first data object file as a mergeable property and at least one corresponding property of the second data object file as a corresponding mergeable property;
- b) determining if the conflict detected comprises a difference between the at least one mergeable property of the first data object file and the at least one corresponding mergeable property of the second data object file; and
- c) if so, merging the first data object file and the second data object file to resolve the conflict.

Claim 2 (Currently amended): The computer-implemented method of claim 1, wherein merging the first data object file and the second data object file comprises determining a preferred state for each of the at least one mergeable property and corresponding mergeable property that differ and storing the preferred state in the mergeable property and corresponding mergeable property if an initial state of the mergeable property and the corresponding mergeable property is different than the preferred state.

Claim 3 (Original): The computer-implemented method of claim 2, wherein the preferred state is related to a likelihood that vital information would be lost if the preferred state did not replace the initial state when different.

Claim 4 (Currently amended): The computer-implemented method of claim 2, wherein the first data object file and the second data object file comprise an email object file, the mergeable property and corresponding mergeable property comprises a read indicator, and the preferred state comprises an unread state.

App. No. 09/892,676
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COPY

Claim 5 (Original): The computer-implemented method of claim 1, wherein merging is performed without user-intervention on the mobile device.

Claim 6 (Currently amended): The computer-implemented method of claim 1, further comprising sending a notification to the mobile device if merging of the first data ~~object~~ file and the second data ~~object~~ file was performed.

Claim 7 (Currently amended): The computer-implemented method of claim 6, wherein the notification includes an identifier associated with the first data ~~object~~ file, a property name associated with the mergeable property in conflict, and a status describing the conflict.

Claim 8 (Currently amended): The computer-implemented method of claim 1, wherein the first data ~~object~~ file and the second data ~~object~~ file comprise an email ~~object~~ file and the at least one mergeable property and corresponding mergeable property comprises a read indicator.

Claim 9 (Currently amended): The computer-implemented method of claim 1, wherein the first data ~~object~~ file and the second data ~~object~~ file comprise an appointment ~~object~~ file and the at least one mergeable property and corresponding mergeable property comprises a reminder and a reminder time.

Claim 10 (Previously presented): The computer-implemented method of claim 9, wherein the conflict is resolved by merging a reminder with an earlier reminder time of the conflicting properties as the value for both properties.

Claim 11 (Currently amended): The computer-implemented method of claim 1, further comprising determining if values associated with the at least one mergeable property of the first data ~~object~~ file and the at least one corresponding mergeable property of the second data ~~object~~ file are the same, and if so, dismissing the conflict.

App. No. 09/892,676
Amendment Dated: February 8, 2005
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COPY

Claim 12 (Currently amended): A computer-readable medium having computer-executable instructions for synchronizing a first data ~~object~~ file associated with a mobile device and a second data ~~object~~ file associated with a server, the instructions comprising:

receiving a request for a synchronization event that synchronizes the first data ~~object~~ file with the second data ~~object~~ file;

during the synchronization event, comparing the first data ~~object~~ file to the second data ~~object~~ file; and

if a mergeable property of the first data ~~object~~ file differs from a corresponding mergeable property of the second data ~~object~~ file, automatically merging the mergeable property of the first data ~~object~~ file with the corresponding mergeable property of the second data ~~object~~ file.

Claim 13 (Currently amended): The computer-readable medium of claim 12, wherein merging the mergeable property of the first data ~~object~~ file with the corresponding mergeable property of the second data ~~object~~ file comprises:

determining a preferred state for the mergeable property and the corresponding mergeable property;

sending the preferred state to the mobile device if an initial state of the mergeable property of the first data ~~object~~ file is different than the preferred state; and

sending the preferred state to the server if the initial state of the corresponding mergeable property of the second data ~~object~~ file is different than the preferred state.

Claim 14 (Original): The computer-readable medium of claim 13, wherein the preferred state is based on a likelihood that vital information would be lost if the preferred state did not replace the initial state when different.

Claim 15 (Original): The computer-readable medium of claim 12, wherein merging is performed without user-intervention on the mobile device.

App. No. 09/892,676
Amendment Dated: February 8, 2005
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COPY

Claim 16 (Currently amended): The computer-readable medium of claim 12, wherein the first data ~~object~~ file comprises a set of properties and merging includes sending a sub-set of the set of properties to the mobile device if an initial state of the mergeable property that differs from the corresponding mergeable property is different than a preferred state.

Claim 17 (Previously presented): The computer-readable medium of claim 16, wherein the sub-set includes the mergeable property that differs from the corresponding mergeable property.

Claim 18 (Original): The computer-readable medium of claim 16, wherein the preferred state is based on a likelihood that vital information would be lost if the preferred state did not replace the initial state when different.

Claim 19 (Currently amended): A system for resolving a conflict detected during a synchronization session, comprising:

- a first device associated with a first data store, the first store storing a plurality of data ~~objects~~ files;

- a second device associated with a second data store, the second data store storing a plurality of corresponding data ~~objects~~ files, each corresponding data ~~object~~ file being associated with one of the data ~~objects~~ files stored in the first store; and

- a server configured to detect a conflict between one of the data ~~objects~~ files and the corresponding data ~~object~~ file when a mergeable property of the data ~~object~~ file is different than a corresponding mergeable property of the corresponding data ~~object~~ file and to merge the mergeable property of the data ~~object~~ file and the corresponding mergeable property if different.

Claim 20 (Currently amended): The system of claim 19, wherein the server is configured to merge the mergeable property of the data ~~object~~ file and the corresponding mergeable property if different by sending a preferred state for the mergeable property to the mobile device if an initial state for the mergeable property is different than the preferred state and by sending the

App. No. 09/892,676
Amendment Dated: February 8, 2005
Reply to Office Action of January 14, 2005

COPY

preferred state for the corresponding mergeable property to the server if the initial state for the corresponding mergeable property is different than the preferred state.

Claim 21 (Original): The system of claim 20, wherein the preferred state is based on a likelihood that vital information would be loss if the preferred state did not replace the initial state when different.

Claim 22 (Currently amended): The system of claim 21, wherein the data ~~object~~ file and the corresponding data ~~object~~ file comprise an email ~~object~~ file, the mergeable property and the corresponding mergeable property comprise a read indicator, and the preferred state comprises an unread state.

Claim 23 (Currently amended): The system of claim 19, wherein the server is configured to merge the mergeable property of the data ~~object~~ file and the corresponding mergeable property without user-intervention on the first device.

Claim 24 (Currently amended): A computer-implemented method for synchronizing a first data ~~object~~ file and a second data ~~object~~ file, comprising:

designating at least one property of the first data file as syncable;

designating at least one property of the second data file as syncable;

detecting a conflict between the at least one syncable property of the first data ~~object~~ file and the at least one syncable property of the second data ~~object~~ file;

determining if at least one syncable property of the first data file is different than a corresponding syncable property in the second data file;

when the at least one syncable property of the first data file is not different than the corresponding syncable property in the second data file, disregarding the conflict;

when the at least one syncable property of the first data file is different than the corresponding syncable property in the second data file, determining if the at least one syncable property of the first data file and the corresponding syncable property of the second data file are mergeable; and

App. No. 09/892,676
Amendment Dated: February 8, 2005
Reply to Office Action of January 14, 2005

COPY

~~identifying at least one property of the first data object file that is mergeable and at least one corresponding property of the second data object file that is mergeable; and~~

when the at least one syncable property of the first data file and the corresponding syncable property in the second data file are mergeable, automatically resolving the conflict by merging the first syncable data object file and the second syncable data object file to form a single, identical data object file in each store.